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(71) Applicant: NIPPON OIL CO LTD

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MIZUTA YOSHINORI

(74) Representative:

(54) PRODUCTION (III) OF TAXANE COMPOUNDS

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing taxane compounds having antitumor activities by which the productivity of the taxane compounds is extremely improved.

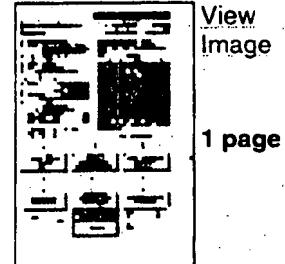
SOLUTION: The objective taxane compounds are produced by culturing the cell capable of producing the taxane compounds derived from *Taxus* sp. in a culturing medium containing an amino acid, a tropolone derivative, a vanillin derivative or an isoprenoid derivative, subjecting the cell to produce the taxane compounds and collecting the taxane compounds from the cultured material. The cell-culturing is performed by inducing the cell in a solid culturing medium and culturing the multiplied callus by using the liquid culturing medium with the added before compounds. These compounds can improve the multiplying of the cell producing the taxane compounds or heighten the yield of the taxane compounds.

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MIZUTA YOSHINORI;**Assignee:** [NIPPON OIL CO LTD](#)
[News, Profiles, Stocks and More about this company](#)**Published / Filed:** [Feb. 24, 1998 / Aug. 9, 1996](#)**Application Number:** [JP1996000227481](#)**IPC Code:** [C12P 17/02; C07D 305/14; C12N 5/04; A61K 35/78; C12P 17/02;](#)**Priority Number:** Aug. 9, 1996 [JP19961996227481](#)**Abstract:**

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Family: None**Other Abstract**

None

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